


Biodata Format

**Name of Institute: Shri Amolak Jain Vidya Prasarak Mandal's Smt. S. K. Gandhi Arts, Amolak Science
and P. H. Gandhi Commerce College Kada**

Full Name		Dr. Jawaharlal Motilal Bhandari		
Name of Post		Vice Principal		
Subject		Physics		
Specialisation		Material Science		
Caste Category		Open		
Appointed From		22 July 1996		
UG/ PG Teacher		UG		
Address & Contact Details		At. Kada, Tal. Ashti, Dist. Beed. Mobile No.: 9421339851 Email: jmbhandari_1969@yahoo.co.in		
Gender	Male	Date of Birth : 03/06/1969		
Mother tongue	Marathi	Knowledge of Marathi:	Specially Abled:	

:: Caste Category of Candidate

Category : Open

Caste : Jain- Marwadi

:: Educational Qualification (Start from Ph.D/PDF to SSC)

Name of Exam	Board/University	Passing Mon-Year	Stream/Subject	Obtained/Total Marks	% or Grade Point
Ph. D.	Dr. B. A. M. U. Aurangabad	15 May 2013	Physics	-	-
M. Phil.	Kamraj University Madurai	07 Jan. 2009	Physics	300/500	60
M. Sc.	Poona University Poona	Nov. 1991	Physics	1104/2000	55.20
B. Sc.	Poona University Poona	Apr. 1989	Physics	1157/1900	60.89
H. S. C.	Poona	Mar. 1986	Science	246/600	41
S. S. C.	Poona	Mar. 1984	General	454/700	64.86

:: Work Experience

Name of Employer	Type of Service	Designation	Nature of Post	From-To	Payscale	Approval date
Shri Amolak Jain Vidya Prasarak Mandal's S. K. Gandhi College Kada	Permanant	Vice Principal	Full Time	22 July 1996 to till date	15600-39100	

:: Research Papers/ Conference Proceedings:

Sr. No.	Title with page Nos.	Journal	ISSN / ISBN No.	Impact Factor if any	Main Author / Co Author
1	D. C. Electrical resistivity and Infrared spectroscopic study of Ni-Cu Spinel ferrite P. 104-106	Multidisciplinary international journal Shodhankan, 1-3 (2012)			
2	Crystal structure and electrical study of In ³⁺ substituted Yttrium Iron Garnet P. 222-225	NCNAP-2013 Proceeding (Feb. 2013) 222-225			

3	X-ray Diffraction Studies of Ni-Cu-Zn Spinel Ferrite P.-52-57	Indian Streams Research Journal, 3 (4) (2013) 52 - 57			
4	Innovative Teaching Practices in Physics P.-82-85	Souvenir National Seminar on Innovative Teaching Methods in Physics	ISBN 978-81-926750-0-9		
5	Computer-Based active Teaching In Physics P.-85.87	Souvenir National Seminar on Innovative Teaching Methods in Physics	ISBN 978-81-926750-0-9		
6	Effect of Copper Substitution on the Magnetic Properties of NiCuZn Spinel Ferrite P. 33-36	Bionano Frontier, 6 (4) (2013)			
7	Crystallographic and Electrical Study of In ³⁺ Substituted Yttrium Iron Garnet P. 01-04	Bionano Frontier, 6 (4) (2013)			
8	The Influence of Cu ²⁺ ions Substitution on the Structural and Magnetic Properties of Nickel Ferrite	Bionano Frontier, 6 (4) (2013)			
9	Study of Magnetic Properties of NiCuZn Spinel Ferrite P.-94	Souvenir of National seminar on “Green Approach in Applied Sciences”			
10	X- ray diffraction and infrared spectroscopy studies of NiCuZn spinel ferrite	Paper accepted for Poster display during 101 th ISCA 2014			
11	Effect of Copper Concentration on the structural property of nickel spinel ferrite	International Journal of Advanced Research In Basic and Applied Science Volume:1, Issue-1 Dec. 2014	ISSN:2394-4072.		Main
12	Crystallographic and Dielectric properties of Indium (In ³⁺) substituted Yttrium iron garnet P. 40.	International Journal of Advanced Research In Basic and Applied Science Volume:1, Issue-1 Dec. 2014	ISSN:2394-4072.		Co-Author

13	Effect of Cu^{2+} Ions substitution on Dielectric behavior of Nickel Ferrite P. 133	Journal of Advances in Applied Science and Technology: Material Science Special Issue Vol. 1 Issue 2 December 2014	ISSN: Print: 2393-8188, online: 2393-8196		Co-Author
14	Investigation on X-Ray Diffraction of Nickel-Copper spinel ferrite P. 273	Journal of Advances in Applied Science and Technology: Material Science Special Issue Vol. 1 Issue 2 December 2014	ISSN: Print: 2393-8188, online: 2393-8196.		Main
15	Study of Dielectric Behavior of Copper Substituted Nickel Ferrite Page- 193	Journal of Medical Applications of Pulse Laser and Diagnostic Techniques January 2015	ISBN: 978-81-930536-3-8.		Co-Author
16	Effect of copper substitution on Permeability studies of Nickel ferrite P.145	Proceedings of International Conference on Functional Materials @ Nanoscale: Concerns and Challenges, 9-11 march 2015	ISBN: 978-81-930740-0-8		Main
17	Electrical Behaviour of $x(\text{CoMn}_{0.2}\text{Zn}_{0.2}\text{Fe}_{1.6}\text{O}_4) + (1-x)(\text{BaTiO}_3)$ Composites. P. 22	International Journal of Advanced Research In Basic and Applied Science Volume:2, Issue-1 July 2015	ISSN:2394-4072		Co-Author
18	Structural Characterization and Permeability studies of Copper substituted Nickel Ferrite.	Proceeding of State Level Seminar on “Emerging Trends in Material Characterisation” held on 9-10 Feb. 2016	ISBN:978-93-5158-588-6		Main
19	IR and D.C. Electrical Resistivity study of Ni-Cu Mixed Ferrites. p. 99	Proceeding of State Level Seminar on “Emerging Trends in Material Characterisation” held on 9-10 Feb. 2016	ISBN:978-93-5158-588-6		Co-Author
20	IR and DC Electrical Resistivity Study of Cu^{2+} Ions Substituted Nickel Ferrites P. 8-13.	Proceeding of the State level Conference on “Recent Trends in Material Science” (15-16 February 2016)	ISBN: 978-93-5158-599-2		Co-Author

21	Study on Causes, Effect and Control of Soil Pollution. P. 118.	Proceeding of the International Conference on “Global Environment: Issuea, Challenges and Solutions” 23 Sept. 2016	ISBN: 978-81-930154-6-0		Co-Author
22	Use of ICT in Higher Education. P.- 09,	International Research Journal Kesona Report Vol.1 Issue.-1, September 2016.	ISSN: 2456-2025		Co-Author
23	Importance of ICT in Higher Education. P.- 139,	International Research Journal Kesona Report Vol.1 Issue.-1, September 2016.	ISSN: 2456-2025		Main
24	Infrared and Electrical Study of In ³⁺ Substituted Yttrium Iron Garnet P.- 82.	International Journal of Advance Research In Basic and Applied Science special Issue, January 2017	ISSN: 2394-4072		Co-Author
25	Study on Causes, Effect and Control of Soil Pollution P. 118.	Proceeding of International Conference on Global Environment Issues, Challenges and Solutions on	ISBN: 978-81-930154-6-0		Co-Author
26	Influence of Cadmium Substitution on Dielectric Properties of Ni-Cu Ferrites	Pune Research Times an International Journal of Contemporary studies Special Issue Feb. 2019.	ISSN:2456-0960	3.18 Indexed Peer- Reviewe/ Refereed	Co-Author
27	Structural, Magnetic and Initial Permeability Properties of Ni _{0.37} Zn _{0.63} Fe ₂ O ₄ Spinel Ferrite	Pune Research Times an International Journal of Contemporary studies Special Issue Feb. 2019.	ISSN:2456-0960	3.18 Indexed Peer- Reviewe/ Refereed	Main
28	Structural and Electric Properties of Cadmium Substituted Ni-Cu Ferrites P. 128	International Journal of Advance and Innovative Research Vol. 6, Issue 1(XIX) Part-I	ISSN 2394-7780	7.36	Co-Author

29	Investigation of Crystal structure and D.C. Electrical Resistivity of In^{3+} Substituted Yttrium Iron Garnet P. 131	International Journal of Advance and Innovative Research Vol. 6, Issue 1(XIX) Part-I	ISSN 2394-7780	7.36	Co-Author
30	The Fourier Transforms Infrared Spectroscopy Study of $x(\text{CoMn}_{0.2}\text{Zn}_{0.2}\text{Fe}_{1.6}\text{O}_4) + (1-x) (\text{BaTiO}_3)$ Magneto electric Composites p. 51	Research Journey International Multidisciplinary E- Research Journal Special Issue 168 (B)	ISSN: 2348-7143	Impact Factor 6.261, CIF-0.676	Co-Author
31	Study of XRD and Electrical Properties of Indium (In^{3+}) Substituted Yttrium Iron Garnet P. 127	Research Journey International Multidisciplinary E- Research Journal Special Issue 168 (B)	ISSN: 2348-7143	Impact Factor 6.261, CIF-0.676	Co-Author
32	Study of Structural and Magnetic Properties of Ni-Zn Ferrite Nanoparticle P.132	Research Journey International Multidisciplinary E- Research Journal Special Issue 168 (B)	ISSN: 2348-7143	Impact Factor 6.261, CIF-0.676	Main
33	Influence of Cadmium Substitution on Dielectric Behavior of Mixed Ni-Cu Ferrites P. 218	Research Journey International Multidisciplinary E- Research Journal Special Issue 168 (B)	ISSN: 2348-7143	Impact Factor 6.261, CIF-0.676	Co-Author
34	Challenges and Impact of ICT on Strengthening Teaching-Learning Process in Higher Education P. 93	Research Journey International Multidisciplinary E- Research Journal	2348-7143	Impact Factor 6.261, CIF-0.676	Co-Author
35	Study of Structural Parameters and Cation Distribution of Cu^{2+} Ions Substituted Nickel Ferrites	Innovare Journal of science, Vol 8, Special Issue 1	2321-5496, 2020		Co-Author
36	Structural and η_B Study of In^{3+} Substituted Yttrium Iron Garnet	Innovare Journal of science, Vol 8, Special Issue 1	2321-5496, 2020		Co-Author

37	Renewable Energy Sources and Its Applications P. 114	An International Multidisciplinary Quarterly Research Journal Ajanta, Volume IX Issue I	2277-5730	6.399	Co-Author
38	Non- conventional Energy sources in India's Aspect P. 116	An International Multidisciplinary Quarterly Research Journal Ajanta, Volume IX Issue I	2277-5730	6.399	Co-Author
39	Role of Renewable Energy Sources in Maharashtra P. 48	An International Multidisciplinary Quarterly Research Journal Ajanta, Volume IX Issue I	2277-5730	6.399	Main
40	Environmental Application of Nanotechnology P. 112	An International Multidisciplinary Quarterly Research Journal Ajanta, Volume IX Issue II	2277-5730	6.399	Main
41	Low temperature synthesis and investigations of magnetic properties of cobalt ferrite nanoparticles.	Journal of Physics, Conference Series.			Co-Author
42	Influence of Substitution of Jahn-Teller Cu^{2+} Ions on the Structural and Magnetic Properties of Nickel Ferrite. P. 135	Aegaeum Journal, Volume IX, Issue V	0776-3808	6.1	Co-Author
43	Structural and Magnetic Studies of Copper Substituted Nickel Ferrite P. 129	Aegaeum Journal, Volume IX, Issue V	0776-3808	6.1	Main
44	Structural Properties of Vanadium Substituted Yttrium Iron Garnet P. 262	Aegaeum Journal, Volume IX, Issue V	0776-3808	6.1	Co-Author

45	Analysis of Structural, Electrical and Magnetic Properties of In^{3+} Substituted Yttrium Iron Garnet P. 72	International Journal of Scientific Research in Science, Engineering and Technology Volume 9, Issue 5	Print ISSN: 2395-1990, Online ISSN: 2394-4099	7.136	Co-Author
46	Investigation of Structural and Magnetic Properties of Ni-Cu Spinel Ferrites P. 89	International Journal of Scientific Research in Science, Engineering and Technology Volume 9, Issue 5	Print ISSN: 2395-1990, Online ISSN: 2394-4099	7.136	Co-Author
47	Cation Distribution Study of $\text{Ni}_{1-x}\text{Cu}_x\text{Fe}_2\text{O}_4$ Ferrite System P. 168	International Journal of Scientific Research in Science, Engineering and Technology Volume 9, Issue 5	Print ISSN: 2395-1990, Online ISSN: 2394-4099	7.136	Main

:: Paper Presented in Conference/Workshop/Symposium

Sr. No.	Title of the Paper presented/Attended	Title of Conference / Seminar/symposia	Organised By	Whether international /national/ state /regional /college or university level	Date
1	Effect of copper concentration on the structural properties of Nickel spinel ferrite	National Conference on Material Science-2014	Mrs. Kesharbai Sonajirao Kshirsagar Arts, Science and Commerce College Beed	National	12 th and 13 th December 2014
2	Investigation on X-ray diffraction of Nickel Copper Spinel ferrite	Material Science and Technology NCMST-2014	Milliya Arts, Science & Management Science College Beed	National	23 th – 24 th December 2014
3	Effect of copper substitution on Permeability studies of Nickel ferrite	Functional Materials @ Nanoscale: Concerns and Challenges	Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur	International	9 th – 11 th March 2015
4	Physical and Dielectrical Properties of Indium (In^{3+}) substituted yttrium Iron Garnet	Nanobasics and its' Applications	R. B. Narayanrao Borawake College Shrirampur	State	18 th and 19 th January 2016
5	Structural Properties of Spinel Ferrite	Emerging Trends in Material Characterization	Padmashri Vikhe Patil College of Arts, Science and Commerce College	National	9 th and 10 th February 2016

			Pravaranagar		
6	D.C. Electrical Resistivity of Nickel Copper Spinel Ferrite	Recent Trends in Material Science	Shri Anand College Pathardi	State	15 th and 16 th February 2016
7	Study on Water, Soil and Air Pollution	Environment and Development	DR. B. N. Purandare Arts, Smt. S. G. Gupta Commerce & Science College Lonavala	National	9 th -10 th September 2016
8	Study on Causes, Effect and Control of Soil Pollution	Global Environment: Issues, Challenges and Solutions	New Arts, Commerce and Science College Parner	International	23 rd September 2016
9	Importance of ICT in Higher Education	National Seminar on Role of ICT in Higher Education For Quality Improvement	Mrs. Kesharbai Sonajirao Kshirsagar Arts, Science and Commerce College Beed	National	29 th and 30 th September 2016
10		Research Opportunities at RUSA Centre for Advanced Sensor and Drafting of Research Proposal	Milliya Arts, Science & Management Science College Beed		25 th April 2017
11	X-Ray, Diffraction studies of NiCu Spinel Ferrite	Recent Trends and Development in Material Science-2017	Indraraj Arts, Commerce and Science College Sillod	National	16 th December 2017
12		Innovative Techniques of Research in Science and Technology	Sanjivani College of Engineering Kopergaon	State	6 th January 2018
13		Intellectual Property Right: Indian Perspective	Milliya Arts, Science & Management Science College Beed	State	14 th February 2018
14	Nanostructured Materials and Nanotechnology	Nanostructured Materials and Nanotechnology	Shri Muktanand College Gangapur	National	1 st December 2018
15		Current Trends in Smart Materials and Nanotechnology” SLSMNT-2018	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar	State	21 st and 22 nd December 2018
16		Laboratory Experiments in Physics	Ahmednagar College Ahmednagar	State	11 th and 12 th January 2019
17	Structural, Magnetic Property of spinel ferrite	Nanomaterials and Their Applications Critical	Arts, Commerce and Science College, Kille Dharur	National	14 th February 2019
18	Investigation of Crystal structure and D.C. Electrical Resistivity of In ³⁺ Substituted Yttrium Iron Garnet	National Conference on Functional Materials Synthesis and Characterization Techniques	Vaidyanath College, Parli-Vaijinath, Dist. Beed	National	2 nd March 2019
19	Structural and Magnetic Properties	Recent Trends in Material Science and	Anandrao Dhonde Alias Babaji	National	17 th March

	of spinel ferrite	Nanotechnology	Mahavidyalaya, Kada, Dist. Beed		2019
20	Challenges and Impact of ICT on Strengthening Teaching-Learning Process in Higher Education	Role of NAAC in the Educational Development of Higher Education in India	Arts, Commerce and Science College Ashti	National	14 th - 15 th September 2019
21		E-Content Development for Effective Teaching	Smt. S. K. Gandhi Arts, Amolak Science and P. H. Gandhi Commerce College Kada.	National	21 st – 22 nd September 2019
22	Structural and n_B Study of In_{3+} Substituted Yttrium Iron Garnet	Recent Advances in Physical Sciences (RAPS-2020)	Balbhim Arts, Science and Commerce College Beed.	National	8 th February 2020
23	Role of Renewable Energy Sources in Maharashtra	A Synergy of Maharashtra State in terms of Social, Political, Economic, Cultural, Industrial, Agricultural and Environmental	Arts, Commerce and Science College Jintur	National	31 st May 2020
24	Non-Conventional Energy Sources in India's Aspects	A Synergy of Maharashtra State in terms of Social, Political, Economic, Cultural, Industrial, Agricultural and Environmental	Arts, Commerce and Science College Jintur	National	31 st May 2020
25	Renewable Energy Sources and its Applications	A Synergy of Maharashtra State in terms of Social, Political, Economic, Cultural, Industrial, Agricultural and Environmental	Arts, Commerce and Science College Jintur	National	31 st May 2020
26	Environmental Application of Nanotechnology	Environmental Awareness and Sustainable Development in Rural Areas: Issues, Problem and Solutions	Shankarrao Jawale Patil Mahavidyalaya, Lohara	National	31 st May 2020
27	Low temperature synthesis and investigations of magnetic properties of cobalt ferrite nanoparticles.	International Web Conference on Advanced Materials Science & Nanotechnology (NANOMAT-2020)	Viayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati	International	20 th -21 st June 2020
28	Synthesis and Characterization of Copper Substituted	Recent Advances in Material Science &	Yeshwantrao Chavan College of Arts, Commerce and	National	01 st - 02 nd August

	Nickel Spinel Ferrite	Nanotechnology	Science Sillod		2020
29	Influence of Cu^{2+} ions Substitution on elastic and structural properties of mixed Ni-Cu ferrite	Online International Conference on Zero Dimensional Materials	P. C. Jabin Science College Vidyanagar, Hubballi, Karnatak.	International	27 th August 2020
30	Influence of CuO on the Magnetic Properties of Ni-Cu Spinel Ferrite	Online International Conference on Zero Dimensional Materials	P. C. Jabin Science College Vidyanagar, Hubballi, Karnatak.	International	27 th August 2020
31	Effect of Copper Substitution on Magnetic Properties of Ni-Cu-Zn Spinel Ferrite	Online International Conference on Zero Dimensional Materials	P. C. Jabin Science College Vidyanagar, Hubballi, Karnatak.	International	27 th August 2020
32	Electric and Dielectric Properties of Ni-Cu Spinel Ferrite	International Virtual Conference on Physics of Solid State Materials	St Aloysius College Mangaluru	International	02 nd - 03 rd September 2020
33	An investigation of structural and magnetic properties of copper substituted Nickel ferrite	International Conference on Advanced Material Science and Applications (ICASMA-2020)	M. S. Ramaiah Institute of Technology, Bangalore	International	03 rd - 04 th September 2020
34	Effect of Copper Concentration Permeability Studies of Nickel Spinel Ferrite	International Conference on Advanced Material Science and Applications (ICASMA-2020)	M. S. Ramaiah Institute of Technology, Bangalore	International	03 rd - 04 th September 2020
35	Study of XRD and Dielectric Properties of Indium (In^{3+}) Substituted Yttrium Iron Garnet	International Conference on Advanced Material Science and Applications (ICASMA-2020)	M. S. Ramaiah Institute of Technology, Bangalore	International	03 rd - 04 th September 2020
36	Study of Structural and Electric Properties of Ni-Cu spinel Ferrite	“26 th International Conference (Online) of International Academy of Physical Sciences (CONIAPS XXVI) on Advances in Physics”	Gondwana University, Gadchiroli (Maharashtra)	International	18 th - 20 th December 2020.
37	Study of Magnetic Properties of Spinel Ferrite	E-Conference on Advanced Research in Material Science	Kamraj College Thoothukudi	National	22 nd – 23 rd February 2021
38	Study of Structural and Magnetic Properties of Ni-Cu Spinel Ferrites	Online Conference on “Emerging Trends in Science and Technology (NCETST-2021)”	Arvindbabu Deshmukh Mahavidyalaya Barsingi, Dist. Nagpur	National	10 th Jun 2021.
39	Physical Properties of Vanadium Substituted Yttrium Iron Garnet	Online Conference on “Emerging Trends in Science and Technology	Arvindbabu Deshmukh Mahavidyalaya Barsingi, Dist.	National	10 th Jun 2021.

		(NCETST-2021)”	Nagpur		
40	Influence of Copper Concentration on Structural and Electrical Properties of Nickel Ferrite	Online Conference on “Emerging Trends in Science and Technology (NCETST-2021)”	Arvindbabu Deshmukh Mahavidyalaya Barsingi, Dist. Nagpur	National	10 th Jun 2021.
41	Cation Distribution Study of $Ni_{1-x}Cu_xFe_2O_4$ Ferrite System	E- Conference on “Innovative Research in Science and Technology (ICIRST-2021)”	Kalikadevi Arts, Commerce and Science College Shirur (Ka.), Dist. Beed	Internatioonal	25 th July 2021.
42	Investigation of Structural and Magnetic Properties of Ni-Cu Spinel Ferrites	E- Conference on “Innovative Research in Science and Technology (ICIRST-2021)”	Kalikadevi Arts, Commerce and Science College Shirur (Ka.), Dist. Beed	Internatioonal	25 th July 2021.
43	Analysis of Structural, Electrical and Magnetic Properties of In^{3+} Substituted Yttrium Iron Garnet	E- Conference on “Innovative Research in Science and Technology (ICIRST-2021)”	Kalikadevi Arts, Commerce and Science College Shirur (Ka.), Dist. Beed	Internatioonal	25 th July 2021.

:: Research Publications- Books, Chapters, Articles etc.

Publication Type	Title of Book	Publisher Details	Book ISSN/ISBN	Published Year	Sole/ Co-author	API Score
Chapter in Book	The Science of Energy	Rushi Publications, Aurangabad	ISBN 978-81-929628-3-2	2020	sole	05
Chapter in Book	Objective Physics for B. Sc. Students	Rushi Publications, Aurangabad	ISBN 978-81-929628-3-2	2021	sole	05

:: Details of Research Students guided for M.Phil./Ph.D.

Student Name	Degree	Registration Date	Award of Degree	Branch/Title	Degree Status
Mr. M. L. Wavhal	Ph. D.	June 2018	-	Studies on Green Synthesis and Characterizations of Spinel Ferrite Nanoparticles	Research in progress

:: Details of Research Schemes/ Projects/ Consultancies undertaken

Project Name	Funding Agency	Fund Mobilised	Commencement Date	Completion Date	Worked as	API Score
Nil						

CATEGORY I: TEACHING, LEARNING & EVALUATION RELATED ACTIVITIES

:: 1. Details of Lectures, Seminars, Tutorials, Practical's, Contact Hrs

Course/Paper	UG/ PG Level	Teaching Mode	Hours per week allotted	% of classes taken
F. Y. B. Sc.	UG	Theory + Practical	09	100
S. Y. B. Sc.	UG	Theory + Practical	06	100
T. Y. B. Sc.	UG	Theory + Practical	06	100

API Score for Classes taken (Max Score 50 for 100% performance & proportionate score) up to 80% performance; below which no score may be given)	50
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2. API Score for Teaching load in excess of UGC norm (Max Score: 10)	10
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3. Reading/ Instructional Material consulted/ additional knowledge resources provided to students:

Sr. No.	Course /Paper	Consulted	Prescribed	Additional resource provided
1	B. Sc.I Paper- II & V	Use of ICT based teaching (power point presentation)	Reference Books Text books Journals	Preparation of fresh reading material to students, Provide the notes Internet
2	B. Sc. II Paper – VII & XI	Use of ICT based teaching (power point presentation)	Reference Books Text books Journals	Preparation of fresh reading material to students Provide the notes Internet
3	B. Sc. III Paper-XVI & XX	PPT slides	Reference Books Text books Magazines	Preparation of fresh reading material to students Provide the notes
API score based on Preparation and imparting of knowledge / instruction as per curriculum & syllabus enrichment by providing additional resources to students (Max. Score: 20)				API Score
				20

4. Use of Participatory & Innovative Teaching-Learning methodologies, updating of subject content, course improvement etc.

Sr. No.	Short Description	API Score	Verified API Score
1	Upgradation of notes and PPT with the help reference book and Internet	05	
2	Annual and daily teaching plan	05	
3	Preparation of Practical Manual	03	
4	Use of ICT in Teaching-Learning	05	
5	Use of charts and models	05	
6	Group Discussion & Seminar	05	
Total Score (Max Score: 20)		20	

5. Examination Duties Assigned and Performed (invigilation; question paper setting, evaluation/ assessment of answer scripts) as per allotment:

Sr. No.	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score	Verified API Score
01.	University Sem. & Annual Examination	Internal Squad	100%	05	
02	University Sem. & Annual Examination	Evaluation of Answer Scripts	100%	10	

03	University Sem. & Annual Examination	Paper Setting	100%	10	
04	B.Sc. Practical Exam	External / Internal Examiner	100%	10	
	Total score (Max. 25)		Total	25	

CATEGORY II: CO-CURRICULAR, EXTENSION & PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

Sr. No.	Type of Activity	Average Hrs/week	API Score	Verified API Score
(i) Extension, Co-curricular & field based Activity				
1	Chairman of the Educational Tour	01	05	
2	Member of NSS planning committee	01	05	
3	Member of Life Long Learning & Extension	01	05	
4	Programme Officer of Extra Mural Studies Centre	01	05	
5	Organizing Committee member of Sports Competition	01	05	
Total (Maximum): 20			20	
(ii) Contribution to corporate life and Management of the Institution				
1	Vice Principal of the college		10	
2	Member of Anti Raging Committee	01	05	
3	Information Officer of Right to Information Act	01	05	
4	Member of Campus Development committee	01	05	
Total (Maximum): 15			15	

(iii) Professional Development Activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination & general articles, not covered above) API Score (Max Score:15)	Participating in National International Conferences and Seminars
Particulars of current research work at personal level	Guided to one Ph. D. Students
Consultancy work carried out	Nil
Patents & IPR Details:	Nil
Any other information you wish to specify	Nil